ACC NR: AP6035867 SOURCE CODE: UR/0413/66/000/020/0079/0080

INVENTOR: Muradyan, A. G.; Gol'dfarb, I. S.; Petrov, G. D.

ORG: none

TITLE: Equipment for data transmission and reception using optical carrier. Class 21, No. 187155. [announced by the Central Scientific-Research Institute of Communications, Ministry of Communications SSSR (Tsentral'nyy nauchno-issledovatel'skiy institut svyazi Ministerstva svyazi SSSR)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 20, 1966, 79-80

TOPIC TAGS: data transmission, laser application, laser communication, laser modulation

ABSTRACT: An Author Certificate has been issued for a data transmission and reception apparatus with an optical carrier (see Fig. 1). To increase the capacity of

Card 1/2 UDC: 621.375.8 621.376.9

ACC NR: AP6035867

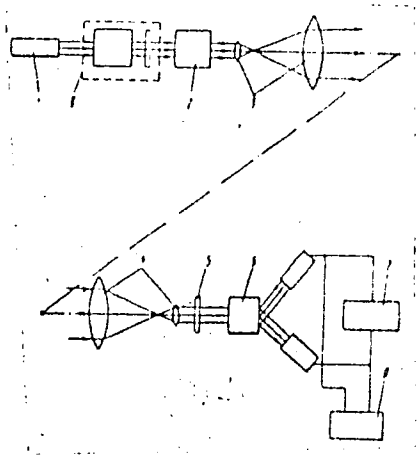

Fig. 1. Data transmission and reception apparatus

1 - Monochromatic radiation source; 2 - polarizing electro-optical modulators; 3 - transmitting system; 4 - receiving system; 5 - 1/4 plate; 6 - double refracting prism; 7 - differentiating circuit; 8 - amplitude modulator; 9 - adder.

transmited data, the amplitude modulator is placed between the light source and the polarizing modulator in the transmitter; in the receiver an adder is connected to the photoreceiver outputs in parallel with the differentiating circuit. Orig. art. has: 1 figure.

SUB CODE: 17,09,20/ SUBM DATE: 21Jul65/ ATD PRESS: 5106

Card 2/2

L 08342-67 EWT(m)/EWP(t)/ETI/EWP(k) IJP(c) JD/HW/JH

ACC NR: AR6033102 SOURCE CODE: UR/0137/66/000/007/G018/G018

AUTHOR: Gol'dfarb, V. M.; Donskoy, A. V.; Stepanov, A. V. 41

TITLE: Producing thin-walled pipes of rectangular cross section directly from the melt

SOURCE: Ref. zh. Metallurgiya, Abs. 7G138

REF SOURCE: Uch. zap. Leningr. gos. ped. in-ta im. A. I. Gertsena, v. 265, 1965, 42-49

TOPIC TAGS: pipe, molten metal, aluminum, alloy microstructure, rectangular pipe

ABSTRACT: The experimental results are described for producing 0.45-gage thin-walled pipes of rectangular cross section 32 x 52 mm from Al and Al-Mg (0.8—16%) alloys directly from the melt. The dependence of the pipe's wall thickness on the mode of drawing, different profile and insert dimensions, and the alloy microstructure and mechanical properties has been studied in finished pipes. Orig. art. has: 6 figures and 1 table. Bibliography of 6 titles. [Translation of abstract]

SUB CODE: 11, 13/

Card 1/1 nst UDC: 669.71.04

L 09389-67 EWT(k)/EWT(m)/EWT(d)/ETI IJP(c) JD/HW

ACC NR: AR6033107 SOURCE CODE: UR/0137/66/000/007/D043/D043

AUTHOR: Bogolyu[illegible], G. K.; Gol'dfarb, V. M.; Donskoy, A. V.; Kostygov, [illegible] S.; Stepanov, A. V.

TITLE: Producing [illegible]-walled flattened sheet pipe (radiator strip) directly from the melt

SOURCE: Ref. zh. Metallurgiya, Abs. 7L316

REF SOURCE: Uch. zap. Leningr. gos. ped. in-ta im. A. I. Gertsena, no. [illegible], 1965, 75-89

TOPIC TAGS: pipe [illegible]tal drawing, radiator pipe, flattened pipe

ABSTRACT: Metal [illegible]ing for radiator strip has been carried out on a laboratory unit. The strip was [illegible]awn from A Mts alloy. The type of equipment and some technological problems were developed and solved for producing 4-, [illegible] and 10-channel strip with a [illegible]—1.0-mm gage. The production technology for a 15-channel strip is described. An experimental batch (~300 m) of radiator strip for two radiators of a tractor radiator was produced and analyzed. Semicontinuous and continuous units were designed for producing thin-walled flattened sheet pipes.

Card 1/2 UDC: 621.774.21

L 09389-67

ACC NR: AR6033107

directly from the m... Orig. art. has: 8 figures. Bibliography of 15 titles.
L. Kochenova. [Tr...lation of abstract]

SUB CODE: 13/

Card 2/2 pb

ACC NR: AR6034763 SOURCE CODE: UR/0276/66/000/0[illegible]/G045/G045

AUTHOR: Gol'dfarb, V. M.; Gol'tsman, B. M.; Stepanov, A. V.

TITLE: Uniform cooling of thin-walled articles drawn from the melt

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya, Abs. 7G275

REF SOURCE: Uch. zap. Leningr. gos. ped. in-ta im. A. I. Gertsena, v. 265, 1965, 90-104

TOPIC TAGS: metallurgy, metal, metal cooling, cooling

ABSTRACT: A brief analysis is given of five methods of cooling parts drawn from the melt: cooling in a slip mold, cooling in a movable-wall mold, convective cooling in liquid, cooling with a water spray or a water-air mixture, and blasting with air. Computations are presented for estimating the heat regime in cooling drawn ingots. The original article has 2 figures, 4 tables, and 13 bibliographic references. [Translation of abstract] [SP]

SUB CODE: 11/

Card 1/1 UDC: 621.74.047.2.06

ACC NR: AP6023643 SOURCE CODE: UR/0149/66/000/002/0154/0161

AUTHOR: Gol'dfarb, V. M.; Gol'tsman, B. M.; Donskoy, A. V.; Stepanov, A. V.

ORG: Chair of General Physics, Leningrad State Pedagogical Institute (Leningradskiy gosudarstvennyy pedagogicheskiy institut. Kafedra obshchey fiziki)

TITLE: Thermal conditions for producing thin-walled products from a melt

SOURCE: IVUZ. Tsvetnaya metallurgiya, no. 2, 1966. 154-161

TOPIC TAGS: metal casting, convective heat transfer, thermal analysis, temperature distribution, optimization

ABSTRACT: Thermal conditions and process parameters for the continuous casting of thin-walled products from a melt are given. Four cooling methods are described: 1) drawing from a melt with the crystal front sliding across water-cooled metal shoes; 2) convective cooling in a liquid; 3) convective cooling in a liquid without a buffer zone; 4) by air-blast or water spraying. For method (1) so much friction results from the ingot-wall interface that wall thicknesses must be maintained above 5 mm. Heat conduction coefficients varied from 1000 kcal/m^2-deg-hr for (1) to 2000-10,000 kcal/m^2-deg-hr for (4). The temperature was given as a function of x--*the vertical coordinate*, by the equation

$$T = T_0 \exp\left[\frac{c\rho v}{2\lambda}\left(1 - \sqrt{1 + \frac{4\alpha\lambda}{lc^2\rho^2 v^2}}\right)x\right],$$

UDC: 669.017: 621.77

Card 1/2

ACC NR: AP6023643

where c is specific heat, ρ is density, v is velocity, λ is thermal conductivity and α is the surface coefficient. Casting thickness l is related to a group of heat transfer parameters which were listed for 25 metals and alloys. Values of l are given for 10 metals drawn from the melt at 10 m/hr for cooling by radiation and self convection (α=100 kcal/m^2-deg-hr). The effect of the heat transfer rate in the liquid portion of the melt on thickness is also given. Nomographs are shown for determining the relation between strip thickness, gap width of molds and the extraction conditions. Data are presented for aluminum in which thickness is given as a function of v, α and ΔT--the superheat--for different parameters and casting methods. For a particular thickness, the necessary gap width s_0 was determined from $s_0 = s \pm (0.1-0.2)$ mm, where $s=2(l)$. Orig. art. has: 6 figures, 4 tables, 9 formulas.

SUB CODE: 13,20/ SUBM DATE: 18May64/ ORIG REF: 009

Card 2/2

GOL'FARB, Ya.L.; GODOVIKOVA, S.N.

Structure of the products from the amidation of nicotine. Izv. AN SSSR. Otd. khim. nauk no.2:360-362 F '61. (MIRA 14:2)

1. Institut organicheskoy khimii im.N.D.Zelinskogo AN SSSR.
(Nicotine) (Pyridine)

Golfeld, A. I.

AID P - 5154

Subject : USSR/Engineering

Card 1/1 Pub. 103 - 13/18

Author : Gol'fel'd, A. I.

Title : High speed feed milling

Periodical : Stan. i instr., 5, 42, My 1956

Abstract : The author tells about cutters used on the 6N12 vertical milling machine at a 2650 mm/min feed speed 203 m/sec cutting speed and for a 1.5 mm depth. A special face milling cutter provided with three blades of the T15K6 hard alloy is to be used. Two drawings.

Institution : None

Submitted : No date

KISELEV, Lev Dmitriyevich; GOL'FEL'D, I.L., red.; LEBEDEV, O.S., tekhn.red.

[Repair of houses] Remont doma. Kalinin, M-vo kul'tury RSFSR, Gos.izd-vo "Detskii mir," 1959. 47 p. (MIRA 13:1)
(Building--Repair and reconstruction)

GOL'FEL'D, Natal'ya Grigor'yevna; KHVATOVA, A.V., red.

[Organization of nurse's work in the ophthalmologic ward and the ophthalmologic room of a polyclinic] Organizatsiia raboty meditsinskoi sestry v glaznom otdelenii i glaznom kabinete poliklinniki. Moskva, Meditsina, 1964. 217 p.
(MIRA 17:4)

GOL'FGAT, D.B., kand. tekhn. nauk; OSHNOKOV, V.A., kand. tekhn.nauk; DMITRICHENKO, S.S.; BOCHAROV, N.F., kand. tekhn. nauk.

Investigating causes of fractures in DT-54 tractor frames. Mekh. i elek. sots. sel'khoz. 16 no.6:17-23 '58. (MIRA 12:1)

1.Soyuznyy nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut (for Gel'fgat, Oshnokov). 2.Glavnyy inzhener Komsomol'skoy mashinno-traktornoy stantsii Taldomskogo rayona Moskovskoy oblasti (for Dmitrichenko). 3.Moskovskoye vysshaye tekhnicheskoye uchilishche im. Baumana (for Bocharov).
(Tractors--Testing)

PEVZNER, Ya.M.; GORELIK, A.M.; GOL'D, B.V., doktor tekhn.nauk, retsenzent; GOL'EGAT, D.B., kand. tekhn. nauk, red.; NAKHIMSON, V.A., red.izd-va; EL'KIND, V.D., tekhn. red.

[Air and hydropneumatic suspensions] Pnevmaticheskie i gidropnevmaticheskie podveski. Moskva, Mashgiz, 1963. 318 p. (MIRA 16:8)

(Motor vehicles--Springs)

KURTSIN, I. T.; ZELDINA, A. M.; GOLEMAN, A. F.; et al

Nervno-Gumoralnye Regulirovchii Deiatelnosti Pishcharitelnogo Apparata (Neuro-Humoral Regulative Activity of Digestive Apparatus), 304 p., Moscow, 1949.

SOKOLOV, A.; TALAYEVA, M.; MITIN, F.; MIROPOL'SKIY, I.; OCHKIN, V.; GOL'FMAN, B.; STROMOV, V.; BORISOV, V.

Exchange of practices. Mias. ind. SSSR 33 no.4:33-40 '62. (MIRA 17:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti (for Sokolov, Talayeva, Ochkin). 2. Gomel'skiy myasokombinat (for Mitin, Miropol'skiy). 3. Brestskiy myasotrest (for Gol'fman). 4. Kislovodskiy myasokombinat (for Stromov). 5. Rizhskiy zavod "Kompressor" (for Borisov).

GOLDMAN, H.

1st and 2nd orders

Processes and properties

Retention of moisture in margarine. H. Goldman. *Med. Schw. Zbl. ges. Path.* 11 [illegible] Studies of methods of standardization and analysis of water content in margarine are recommended. Chas. Blanc

ASM SLA METALLURGICAL LITERATURE CLASSIFICATION

1. GOLLEMANN, B. ENG.; [illegible], E.

2. USSR (600)

4. Meat Industry

7. Improving production technology. Moscow, Izd. SSSR [illegible] 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

GOL'FMAN, B.

Efficiency promoters in the front line. Mias.ind.SSSR 31 no.3: 27-29 '60. (MIRA 13:9)

1. Brestskiy myasotrest.
(Brest Province--Meat industry--Equipment and supplies)

GOL'FMAN, B.

Mechanization of the removal of the kanyga (stomach contents of ruminants). Mias.ind.SSSR 32 no.2:11 '61. (MIRA 14:7)

1. Brestskiy myasotrest.
(Meat industry—Equipment and supplies)

GOL'FMAN, B.

Introduction of gas-cylinder units in meat and pultry combines.
Mias.ind.SSSR 32 no.6:46 '61. (MIRA 15:2)
(Meat industry--Equipment and supplies)

GOL'G, V., NOSEK, V.

Czecholslovakian automobile industry. Avt.transp. 39 no.2: 54-55
(Czecholslovakia--Automobile industry)

SMUSHKEVICH, Yu.I., BELOV, V.N. [deceased], KLEYEV, B.V., GOLGER, A. Ya.

Reaction of aldehydes with olefins. Part 1: Reaction of aldehydes with cyclohexene. Zhur. ob. khim. 34, no.11:3815-3817 N '64. (MIRA 18:1)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni D.I.Mendeleyeva.

USSR/Human and Animal Physiology - Blood Circulation. T-5

Abs Jour : Ref Zhur - Biol., No 7, 1958, 31734

Author : Golger, B.P.
Inst :
Title : Materials for the Study of Vascular Reaction by the Plethysmograph Method During Several Infections.

Orig Pub : Tr. Chkalovskogo med. in-ta, 1956, vyp. 5, 223-226.

Abstract : No abstract.

Card 1/1

GOLGER, B. P., Doc Med Sci - (diss) "Materials on the Functional State of the Blood Vessel System in Typhus, Typhoid Fever and Brucellosis." Mos, 1958. 30 pp (Min Health ~~Preservation~~ USSR. Central Inst for Improvement of Physicians). 200 copies (KL 40-58, 115)

28

GOLGER, L.I.

Golger, L.I.

"Investigation of the Effect of Metal Equipment on Insulin in the Production of This Subtance." Min Higher Education USSR. Leningrad Technological Inst of the Refrigeration Industry. Leningrad, 1955. (Disseration for the Degree of Candidate in Technical Science.)

Knizhnaya Letopis': No. 27, 2 July 1955.

KAN YAN, F.A.; [illegible]

Gr[illegible] Fiz. [illegible] 1956.

(MIRA 19:9)

1. [illegible]

FEDOROV, N.A.; GOLGER, S.T.

Experience in joining vertical and inclined borings in coal seams. Podzem.gaz.ugl. no.2:50-51 '57. (MIRA 10:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut Podzemgaz.
(Coal gasification, Underground) (Boring)

GOLGER, S.P., kand.tekhn.nauk.

"Trudy" of the Institute of Mineral Fuels of the Academy of Sciences of the U.S.S.R. vol.7: "Underground gasification of coal." Reviewed by S.P. Golger. Podzem.gaz.ugl. no.4:69-71 '57. (MIRA 11:1)

(Coal gasification, Underground)

GOLIER, S.P., kand. tekhn. nauk

Process of underground gasification of thin coal seams using air and oxygen-enriched blasts at the Lisichansk "Pobeda" gas-producer plant, Ugol. pr. Vol. 38, [illegible]

(MIRA 11:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut Petrograd.
(Donets Basin--Coal gasification, Underground)

GOLGER, S.P.; DERMAN, B.M.; LAVILOV, N.V.; FARBEROV, I.L.; FEDOROV, N.A.

Production of industrial gas in the underground gasification of Lisichansk coals. Trudy IGI 13:83-86 '60. (MIRA 14:5)
(Lisichansk--Coal gasification, Underground)

GOLGER, S.P., kand.tekhn.nauk

Testing the gasification process at depths of 300 to 400 meters at the Lisichansk "Podzemgaz" Gas Producer Plant. Nauch. trudy VNII Podzemgaza no.6:11-19 '62. (MIRA 15:11)

1. Laboratoriya gazifikatsii kamennykh ugley Vsesoyuznogo nauchno-issledovatel'skogo instituta podzemnoy gazifikatsii ugley.

(Donets Basin--Coal gasification, Underground)

GOLOVIN, S.F., kand. tekhn. nauk

First experiments in underground gasification of Donetsk Basin coals at the Kamensk "Podzemgaz" plant; 1961-1963. Trudy VNIIPodzemgaza no.12:13-19 '64. (MIRA 18:5)

1. Laboratoriya ekspluatatsii kamennykh uglei Vsesoyuznogo nauchno-issledovatel'skogo instituta podzemnoy gazifikatsii uglei.

YEVSIOVICH, S.G.; ZHURAVLEV, S.I.; LYUBARETS, I.M. KOSOY, G.M.; IGUMNOVA, I.P. SUBBOTA, L.F.; GOLGER, Yu.S.

Industrial use of several methods of dressing Krivoy Rog iron ore in heavy suspensions. Gor.zhur. no.5:54-60 My '60. (MIRA 14:3)

1. Mekhanobr, Leningrad (for Yevsimovich and Zhuravlev). 2.Mekhanobrchermet, Krivoy Rog (for Lyubarets, Kosoy, Igumnova and Subbota). 3. Rudoupravleniye imeni Dzerzhinskogo (for Golger).
(Krivoy Rog Basin--Ore dressing)

137-1958-3-4528

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, No 3, p 8 (USSR)

AUTHOR: Golger, Yu. Ya.

TITLE: To the Investigation of Processes Occurring in the Froth During the Flotation of Copper Ores in Pneumatic Machines (K issledovaniyu protsessov, proiskhodyashchikh v pene pri flotatsii mednykh rud v mashinakh pnevmaticheskogo tipa)

PERIODICAL: Nauchn. raboty stud. Mosk. gorn in-t, 1957, Vol 5, pp 117-131

ABSTRACT: Investigations were carried out at the Zangezursk concentrating mill which concentrates coarsely impregnated Cu-FeS_2 ores. From the data obtained it is apparent that the granulometric composition of the solid constituent of the froth, as well as its content of its useful component, change significantly as the froth layer approaches the flow gate. This is explained by the precipitation of particles from the froth, and by pre-flotation conditioning occurring in the B zone near the walls of the flotation machine. Some regular patterns of behavior were discovered in the precipitation of mineral particles from the froth in pneumatic flotation machines (influence of the reagents regimen, the particle size, and the occurrence of flocculation). The effect of spraying the

Card 1/2

137-1958-3-4528

To the Investigation of Processes Occurring in the Froth (cont.)

froth with water was also investigated. Results: the quality of the concentrate improved in all experiments, without any reduction in output; in a number of experiments, not only was the concentrate of better quality, but also an increase in output was observed (the extraction was considerably increased); in other experiments the extraction was increased by increasing the concentration and decreasing the output of the concentrate. Investigations performed at the Lyangar mill support the presentation of a number of considerations concerning the mechanism by which spraying with water affects the final flotation results. Spraying water onto the froth tends to destroy flakes, while the increased amount of water in the froth makes the latter more mobile, which in turn results in a greater output of concentrate. Part of the reagents is returned to the pulp with the water flowing from the body of the froth. Spraying intensifies the washing-out of the reagents from the froth, and returns them to the pulp.

A. Sh.

Card 2/2

ANGELOV, A.I., GOLGER, Yu.Ya.

Electrostatic concentration of sylvinite and phosphorite ores. Khim.prom. 2:168-172 My '60. (MIRA 13:7)
(Sylvinite) (Phosphorite) (Ore dressing)

BORISOV, V.M.; GOLGER, Yu.Ya.

Measurement of the thermodynamic and absorption potentials of dielectric minerals in studying the flotation process. Dokl. AN SSSR 146 no.3: 628-630 S '62. (MIRA 15:10)

1. Predstavleno akademikom S.I.Vol'fkovichem.
(Flotation) (Dielectrics)

APPROVED FOR RELEASE: 09/24/2001 CIA-RDP86-00513R000515720008-3"

GOLAMOV, Sh.Sh. YEROSHENKO, Ye.G.; ZHUZGOV, L.N.; PUSHKOV, N.V.

Investigating the magnetic field of the moon. Geomag i aer. 1 no.1:21-29 Ja-F '61. (MIRA 14:7)

1. Institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln AN SSSR.
(Moon) (Magnetic fields(Cosmic physics))

GOLGOFSKAYA, G. B.

23233. Polevoy, priblizhennyy sposob opredeleniya estestve nnoy blazhnosti torea. Torf. Prom - St', 1949, No. 7, C. 27-28

SO: LETOPIS' NO. 31, 1949

NIKONOV, M.N., doktor geol.-mineral. nauk.; GOLOFSKAYA, G.F.

Surveying peat reserves of the European part of the R.S.F.S.R. Torf. prom. 35 no.7:28-31 '58. (MIRA 11:11)

1. TSentral'naya torfo-bolotnaya opytnaya stantsiya RSFSR.
(Peat)

GOLGOFSKAYA, G. V.

Evaluation of the principal types of peat for use in agricultural chemistry. N. N. Nikonov, A. A. Grebenshchikova, Ts. I. Mlatina, and G. V. Golgofskaya. *Torfyanoye Prom.* 31, No. 4, 31-4 (1954). The authors have studied the N, CaO, P_2O_5, and Fe_2O_3 content and the pH of a large number of types of Russian peat, and have expressed their "agricultural chemical indices" in fractions, by dividing the percentage of the various humidants present by the av. content in the particular type of peat. W. Nl. S

NIKONOV, M.N., doktor geologo-min.nauk; GOLGOFSKAYA, G.V., st.nauchn.sotr.

Probable peat resources of the European part of the R.S.F.S.
Zbor.st.po izuch.torf.fonda no.2:75-87 '57. (MIRA 11:8)
(Peat)

GOLGOFSKAYA, G.V.

1217. PEAT RESERVES IN THE EUROPEAN PART OF THE R.S.F.S.R. Fikdin, M.N. and Golgofskaya, G.V. (Torf. Prom. (Peat Ind.), Moscow, 1951, vol. 16 (6), 30, 31). Reserves are estimated by a new method and the number of deposits in each district are tabulated. The total is 61,500 million cu.m. (L).

MINKINA, TS.I., kand.biolog.nauk; GOLGOFSKAYA, G.V.; BUTUZKINA, T.G.

Some characteristics of cut peat as litter material. Torf. prom. 39 no.8:22-24 '62. (MIRA 16:1)

1. TSentral'naya torfobolotnaya opytnaya stantsiya Ministerstva sel'skogo khozyaystva RSFSR.
(Peat) (Litter (Bedding))

1. GOLGOFSKAYA, K. YU.

2. USSR 600

4. Oak

7. Growth of oak in ravine woods and its relation to the type of the woods, Dokl. AN SSSR, 88, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

APPROVED FOR RELEASE: 09/24/2001 CIA-RDP86-00513R000515720008-3"

GOLGOFSKAYA, K.Yu.

Types of gulley forests in the region of Derkul Shelterbelt Forestry Research Station. Trudy Inst. lesa 39:5-82 '58. (MIRA 11:9)
(Lugansk Province--Forests and forestry)

KOROBKOVA, K.Yu.; KOTOV, V.A.

In the mountains of the Caucasus. Priroda 54 no.9:80-84 S '65.
(MIRA 18:9)

1. Kavkazskiy gosudarstvennyy zapovednik.

L 23941-65

ACCESSION NR: AP5003380 S/0292/65/000/001/0005/0007

AUTHOR: Vinokurov, V. A. (Doctor of technical sciences); Golgofskiy, F. I. (Engineer); Danilov, G. I. (Engineer); Komov, V. V. (Engineer)

TITLE: Electric machinery with evaporative and universal cooling systems for aircraft

SOURCE: Elektrotekhnika, no. 1, 1965, 5-7

TOPIC TAGS: aircraft generator, generator cooling system, air cooling, evaporative cooling

ABSTRACT: An aircraft-generator cooling system designed for altitudes exceeding 25 km is discussed. The system utilizes evaporative film cooling, which affords cooling intensity many times greater than air or liquid cooling and significant reduction of the overall size and weight of the equipment. The system can operate at ambient temperatures of +500C and higher and pressures of 9 mm Hg and lower. At a speed of 2500 km/hr, flight efficiency is 77%. At a flight duration of 1 hr, the specific weight of the equipment at maximum flight altitude is 3.7 kg/kw (as against 6.5 kg/kw for the usual type of electric

Card 1/2

L 23941-65
ACCESSION NR: AP5003380

machine). A comparative theoretical and experimental investigation of various aircraft-generator cooling systems has demonstrated that a combination of air-cooling and evaporative film cooling systems is the most expedient. The former is relatively simple and adequate for low altitudes, while the latter is best for high altitudes and high-speed flight. Transfer from air cooling to the evaporative film system can be easily automated (for example, with altimeter and flight-speed readings as the controlling variables). Orig. art. has: 6 figures. [DW]

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: AC, PR

NO REF SOV: 000 OTHER: 000 ATD PRESS: 3176

Card 2/2

BERTINOV, Al'bert Iosifovich; LARIONOV, A.N., prof., doktor tekhn.nauk, retsenzent; ROMANOV, M.F., doktor tekhn.nauk, retsenzent; ATABEKOV, G.I., prof., doktor tekhn.nauk, retsenzent; GOLGOFSKIY, F.I., inzh., retsenzent; FEDOSEYEV, A.F., kand. tekhn.nauk, retsenzent; ISTRATOV, V.N., kand.tekhn.nauk, red.; PETROVA, I.A., izdat.red.; GARNUKHINA, L.A., tekhn.red.

[Aeronautical electric generators] Aviatsionnye elektricheskie generatory. Moskva, Gos.izd-vo obor.promyshl., 1959. 594 p. (MIRA 12:7)

1. Chlen-korrespondent AN SSSR; zaveduyushchiy kafedroy aviatsionnogo i avtotraktornogo oborudovaniya Moskovskogo energeticheskogo instituta im.Molotova (for Larionov).
(Electric generators) (Airplanes--Electric equipment)

GOLGOTIU, TIB

A safety measure in factories with ammonia synthesis. Gh. Huidovici, Tib. Golgotiu, Aurora Bordea, Gh. Marpi, Maria Angelescu, Juliana Liuda, and Angela Lucs. Bul. inst. politeh. Iaşi, No. 1-2, 131-5 (1955). — Linden charcoal steeped in a 40% soln. of $ZnSO_4$ adsorbs NH_3 well from the air. Marthe Arcos

GOLGOTIU, T.

Case-hardening of carbon steel. I. [General.] II. Case-hardening of STAS 880-40 quality carbon steel with a new mixture based on calcium carbonate. III. With a new mixture based on dolomite. I. FINCH, A. [illegible], C. [illegible] and F. [illegible] (Bull. Inst. Polit. Iasy, [illegible]).

I. Detailed studies of case-hardening of carbon steel with $CaCO_3$, NaCl-charcoal mixtures are reported. Excellent results were obtained with proportions 13 $CaCO_3$, 7 NaCl and 80% charcoal, equivalent to those obtained with mixtures containing $BaCO_3$ or Na_2CO_3.

II. Carbon steels of OLC10 and OLC10 quality were case-hardened with the same mixture. The optimum temp. of the process is 870—900°. The thickness, structure and hardness of the hardened surface layer was studied in relation to temp. and time.

III. The substitution of raw dolomite for $BaCO_3$ or Na_2CO_3 in the case-hardening mixture was investigated. At temp. of 800—920°, the results indicate the feasibility of the substitution. The optimum composition of the mixture was 20 dolomite, 7 NaCl, 73% charcoal. (From French summary.) J. S. C.

RUMANIA/Cosmochemistry. Geochemistry. Hydrochemistry. L.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 35749

Author : Savencu Simion, Golgotiu Tiberiu, Botez Cornelia, Linde Julieta, Luca Angela

Inst : -

Title : Mineral and Chemical Investigation of the Ores from Tsitlesha

Orig Pub : Bul. Inst. politehn. Iasi, 1956, 2, No 3-4, 89-100

Abstract : Describes the hydrothermal, basically epithermal, sulfide mineralization associated with the andesite and diorite massif of Tsiblesha. The following minerals were noted (in order of formation): the hypogenes pyrite, pyrrhotite, chalcopytite, sphalerite, and galenite, and the supergenes marcasite, covellite, chalcosine, and melnikovite. Vein minerals were represented predominantly by quartz, less often by calcite and siderite. The chemical composition of the ores is cited.

Card 1/1

RUMANIA/Chemical Technology, Chemical Products and Their Application, Part 1. - Processes and Apparatus of Chemical Technology. H-4

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 32824.

of lead. The aggressivity of soils covered with forest is less than that of saline soils.

Card : 2/2

GOLGOTIU, TIBERIU

Distr: 4F1

Hardening special steels by aid of low calcium carbonate- and dolomite-base mixtures. Tonia Fiscus, Tiberiu Golgotiu, Gh. Allincă, C. Cioranescu, and Emil Angrei. *Rev. inst. politeh. Iaşi* 2, No. 3-4, 335-44(1956)(in Romanian) (Russian and French summaries). cf. *C.A.* 51, 11218i.—Solid mixts. of $CaCO_3$ (I) and dolomite (II) are used for the hardening of special steels, since good results were obtained earlier for the hardening of C steels and stainless steels. The mixts. contain I or II, NaCl, and charcoal. The hardening was done with 11 special steels from the Romanian STAS, the Soviet GOST, and the German DIN standards, and the results show that these mixts. can well replace the ones contg. $BaCO_3$ now used. The thickness of the hardened layers was measured as a function of time, also the hardnesses and structures were det. to see if they agree with the ones specified in the standards: the specifications are met.

Werner Jacobsohn

S/081/62/000/006/002/117
B166/B101

AUTHORS: Golgotiu , Tiberin, Linde, Julieta, Luca, Angela

TITLE: The position of the transition elements in the periodic system

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 6, 1962, 5, abstract 6B9 (Bul. Inst. politehn. Iasi, v. 6, no. 1-2, 1960, 109-114)

TEXT: In order that the relationship between the periodicity of the properties of the elements and the sequence of filling of the electron shells be more readily apparent, it is suggested that changes be introduced in the position of the transition elements in the periodic table of Mendeleyev. It is proposed that the transition elements, and the lanthanides and actinides as well, be grouped in accordance with the pattern of their formation into four d families (3d, 4d, 5d, 6d) and two f families (4f and 5f, originating from the 5d and 6d families, respectively). This suggestion allows for the fact that variations in the main properties of the transition elements (in the same way as the lanthanides and actinides) depend not so much on the number of electrons as on their grouping. In the

Card 1/2

E/081/62/000/006/002/117
B166/B101

The position of the transition ...

proposed version of the table, the aforesaid groups of elements are arranged after the elements of Group II. [Abstracter's note: Complete translation.]

Card 2/2

GOL'GRAYER, S. Ya., MAYINOVA, R. D., [illegible], S.A., AND KOSHKOVSKIY, S. Ya.,

"The Economics of Nonferrous Metallurgy in the USSR," Ekonomika Tsvetnoy Metallurgii SSSR, pp. 9-323, Moscow, 1956

Translation U-3,053,[illegible]95, 28 Jan 57

GOLI, O.Z., ORISHCHENKO, A.V., ARTEMCHENKO, O.G.

Effect of the "negative" viscosity of solutions of potassium iodide in two-component alcohol mixtures. Dop. AN URSR no.5: 465-468 '55. (MLRA 9:3)

1. Kiivskiy derzhavniy universitet, Institut fizichnoi khimii AN URSR. Predstaviv diysniy chlen AN URSR O.I. Brods'kiy.
(Solution (Chemistry)) (Potassium iodide)

Country : RUMANIA
Category : Microbiology-Microbes Pathogenic for Man and Animal

Author : [illegible]
Institution : [illegible]
Title : [illegible]

Source : [illegible]

Abstract : no abstract

Card: 1/1

GOLIADZE, A.S.

Description of a tomographic attachment for x-ray machine URM-d 110 K-4 M-1, 1954, model. Vest.rent. i rad 33 no.3:61-63 My-Je '58 (MIRA 11:8)

1. Iz rentgenodiagnosticheskogo kabineta (zav. A.S. Goliadze) Mediko-sanitarnoy chasti (glavnyy vrach I.F. Chikviladze) Batumskogo neftepererabatyvayushchego zavoda.
(ROENTGENOGRAPHY, appar. & instruments
tomographic appar. (Rus))

GOLIADZE, Sh. K., Cand Agr Sci -- (diss) "Technique of Laboratory and Field Determination of the Malsecco-Resistance of Aurantiaceae." Makharadze, 1957. 24 pp (Georgian Order of Labor Red Banner Agricultural Inst), 100 copies (KL, 46-57, 100)

GOLLADZE, Sh.K., aspirant

Methods for determining the resistance of citrus plants to mal secco. Biul. VNIICHISK no.1:158-179 '57. (MIRA 15:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut chaya i subtropicheskikh kul'tur.
(Citrus fruits--Disease and pest resistance)
(Deuterophoma tracheiphila)

[illegible]ABS, Klara

[illegible] the iodine uptake and metabolic [illegible]
[illegible] thyroid. Klarr, [illegible]. 15 no.[illegible] [illegible]

[illegible] Orvosi Hetilap [illegible]
[illegible] 1956 [illegible]
[illegible] (GLAND)
[illegible] (RADIUM)

GOLIANNE BARTHA, Klara

The effect of aktedron (benzpropamine phosphate) on the [illegible] incorporation and hormone production of the thyroid gland. A Ta pharm. Hung. 35 no.3:129-1[illegible] My [illegible]

GOLIAS, Michal

Two-spindle milling. Stroj vyr 12 no.4:278-279 Ap'64.

1. Czechoslovak Scientific Technological Society, Tovarny na obrabeci stroje Trencin National Enterprise, Trencin-Kubra.

GOLLAS-MAKOWSKA, Jadwiga (Krakow, ul. Kronikarza Galla 11 m. 6.)

Angiomatosis of the retina. Klin. oczna 28 no.1:61-65 1958.

1. Z Kliniki Chorob Oczu A. M. w Krakowie Kierownik: prof. dr med. M. Wilczek.

(ANGIOMATOSIS, case reports
retina (Pol))
(RETINA, diseases
angiomatosis, case reports (Pol))

GOLIAS-MAKOWSKA, Jadwiga

On healed ruptures of the eye. Klin.oczna 30 no.3:269-272 '60.

1. Z Kliniki Chorob Oczu A.M. w Krakowie Kierownik: prof. dr med. M.Wilczek.
(EYE wds & inj)

GOLIBOV P.

USSR / General Division, Problems of Teaching A-8

Abs Jour: Ref Zhur-Biologiia, No 5, 1958, 18932

Author : Golibov P.

Inst : -

Title : The Program for Biology for the Academic Year 1955-1956 and the Tasks of Educators

Orig Pub: Biul. Inst. davlatii takmili ikhtisosi muallimon. RSS Tochikiston, 1955, No 4, 37-45

Abstract: No abstract

Card 1/1

BRCIC, B.S.; GOLIC, L.; PETERNEL, P.; SIFTAR, J.; ZUMER, M.

The CaO — Al_2O_3 at low temperatures. Vest Slov kem dr 9 no.1/2:27-32 Ja-Je 1962.

1. Laboratorij za anorgansko kemijo, Institut za kemijo Univerze v Ljubljani.

VOITOLOV, B.P., SOLTCHENKOV, V.A., TOKOV, V.V.

Migration of the nuclei containing elements into the posterior cortex of the lens of mammals and some problems of the morphogenesis of the crystalline lens. Vest. Mosk. un. Ser. 6 biol., pochv. 19 no.1:[illegible] Mr Ap '64. (MIRA 17:9)

1. Kafedra [illegible] gos. Moskovskogo [illegible] universiteta.

BELOUSOV, L.V.; VSEVOLODOV, E.B.; GOLICHENKOV, V.A. (Moskva)

Development of slime fungi and some problems of experimental embryology. Usp.sovr.biol. 55 no.1:109-117 Ja-F '63. (MIRA 16:3)

(MYXOMYCETES) (EMBRYOLOGY, EXPERIMENTAL)

TOPOV, A.V.; [illegible]ENKOV, V.A.

Resistance of the crystalline lens of the newt to radiation and traumatizing actions. Nauch. dokl. vys. shkoly; biol. nauki no.3:83-86 '64 (MIRA 17:3)

1. Rekomendovana Leningradskoy ambulatorii [illegible] vsesoyuznogo instituta [illegible] universitetom.

L 41499-65 EWG(j)/EWT(m)

ACCESSION NR: AP4043217 S/0205/64/004/004/0587/0593

AUTHOR: Golichenkov, V. A.; Popov, V. V.; Vsevolodov, E. B.; Kozlov, V. A.

TITLE: Beta-mercaptoprophylamine protective action against radiation damage of the crystalline lens intensified by traumatization

SOURCE: Radiobiologiya, v. 4, no. 4, 1964, 587-593

TOPIC TAGS: frog, eye, radiation injury, beta-mercaptopropylamine, radioprotector

ABSTRACT: In earlier studies the authors have demonstrated that a slight trauma of an irradiated crystalline lens causes accelerated development of a radiation cataract within 2 to 3 days, a condition referred to as a "surgical aftereffect." The present study was undertaken to determine whether a radioprotector can prevent the "surgical aftereffect" in an irradiated crystalline lens, and whether the "surgical aftereffect" condition can be used as a quick means for preliminary testing of a radioprotector's effectiveness. In a series of experiments, groups of frogs were X-irradiated locally (only the head) with a 15 kr dose (RUD-100/20 unit, 100 kv, 3 ma, focal length

Card 1/2

L 41499-65

ACCESSION NR: AP4043217

0

8 cm, 400 r/min) and non-irradiated groups served as control. On the third day following irradiation, the right eye of each experimental animal was punctured (at a depth of 1/6 the eye diameter) to induce a "surgical aftereffect" and the left eye served as a control. Beta-mercaptopropylamine (400 mg/kg dose) was administered parenterally or locally in the anterior chamber of the eye, and larger doses were administered to some animals. Visual functioning of the eyes was tested and in some cases electroretinograms were also made. Eye sections were prepared and stained for histological investigation. Findings show that beta-mercaptopropylamine (400 mg/kg) administered parenterally or locally does not affect the visual functioning of the eyes in nonirradiated animals. A beta-mercaptopropylamine dose of more than 400 mg/kg combined with X-irradiation may cause functional disorders of the eye, even blindness. Beta-mercaptopropylamine (400 mg/kg dose) prevents "surgical aftereffect" in a traumatized irradiated crystalline lens. The use of "surgical aftereffect" for quick preliminary testing of radioprotector effectiveness appears feasible. Orig. art. has: 4 figures and 1 table.

Card 2/3 Submitted 13 May 63

ACCESSION NR: AP4019986 S/0020/64/154/006/1458/1461

AUTHORS: Golichenkov, V.A.; Popov, V.V.; Vsevolodov, E.B.

TITLE: Data on experimental radiation cataracts in frogs

SOURCE: AN SSSR. Doklady, v. 154, no. 6, 1964, 1458-1461

TOPIC TAGS: radiation cataracts, simple radiation cataracts, accelerated radiation cataracts, crystalline lens, cell migration, cell degeneration, cataract formation, hibernation period, cell mitosis, eye radiation injury

ABSTRACT: The formation of the cataracts can be accelerated by slight injury to the irradiated crystalline lens. Minimal and maximal radiation values were found at 500 and 10-15,000 roentgen respectively causing either slight or "lightning" cataracts after 3-7 days and 0.5-2 hours respectively. The study comprised accelerated as well as simple radiation cataracts, their similarities and differences, in 200 specimens of Rana temporaria (150 studied histologically). Experimental conditions such as temperature, radiation source and equipment, and preparation of histological material,

Card 1/3

ACCESSION NR: AP4019986

are described. No cataracts were found in frogs irradiated at hibernating time, even in those which succumbed to the radiation sickness, while frogs irradiated in spring and summer developed simple cataracts although radiation mortality was reduced. Such seasonal difference seems related to the absence of mitosis in the frontal lens epithelium during hibernation time. The earliest histological sign of cataract formation was seen in migration of anterior epithelial cells to posterior location and swelling of the crystal epithelium followed by disappearance of epithelial parts. Atypical cell differentiation and degeneration were observed. Such development, while earlier and more pronounced, resembles that of similar radiation injury in mammals. Accelerated cataract formation, however, never involved accelerated destruction of anterior cells. This implies the presence of 2 structural components, and therefore 2 trigger mechanisms, the first depending on mitotic activity, the second, stronger one, on the trauma. Accordingly, 500 roentgen with trauma caused cataracts within a few days, while 1000-1200 roetgen without trauma left the crystalline lens intact.

Card 2/3

ACCESSION NR: AP4019986

Orig. art. has 4 figures.

ASSOCIATION: Moskovskiy gosudarstveny"y universitet im. M.V. Lomonosova (Moscow State University)

SUBMITTED: 22Jul63 DATE ACQ: 23Mar64 ENCL: 00

SUB CODE: CH NO REF SOV: 010 OTHER: 010

Card 3/3

GOLICHENKOV, V.A.; POPOV, V.V.; VSEVOLODOV, E.B.; KOZLOV, V.A.

Protective action of β-mercaptopropylamine against radiation injury of the crystalline lens exacerbated by trauma. Radiobiologiia 4 no.4:587-592 '64. (MIRA 17:11)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

POPOV, V.V.; GOLICHENKOV, V.A.; FAPHENOV, A.I.; SOKOLOVA, Z.A.

Mechanism of the accelerated development of radiation cataracts caused by puncturing the irradiated crystalline lens. Dokl. AN SSSR 155 no. 4:940-943 Ap '64. (MIRA 17:5)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova. Predstavleno akademikom A.N.Belozerskim.

[illegible]

[illegible] Zapalenie [illegible] i [illegible]. Klin. [illegible] 36 no. 105 159 '64.

1. [illegible] Klinik: Choreb Oczu Akademii Medycznej w [illegible] (Kierownik prof. dr med. M. Wilczek) i [illegible] Zakładu Mikrobiologii Wyższej Farmaceutycznego Akademii Medycznej w Krakowie (Kierownik prof. dr d. [illegible]).

[illegible]

Students of the [illegible] organization [illegible]
Textile and light industry of the [illegible]
Tavaine prom. [illegible] [illegible]

GOLICI, Dan, ing.

Protection of coal pipelines against erosion. Energetica Rum 8 no.4:173-177 Ap '60.

GOLICI, D., ing.

Results obtained by operating cooling towers with forced draught under the conditions in Rumania. Energetica Rum 12 no.9:465-471 S '63.

GOLIER, J.

Power taking from electric line [illegible] kv by [illegible] of shunting resistors.
El tech cas 13 no. 2 182 193 [illegible]62.

GOLUBIEW, J.; POMIANOWSKI, M.;

Saving lumber in the Hungarian building industry. p. 335.
Vol. 10, no. 11, Nov. 1955, NATERIALY BUDOWLANE. Warszawa.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

GOLIGORSCHI, I.

New cadres for construction sites. Constr Buc 14 no. 675: 4 15 December 1962.

1. Secretarul comitetului sindicatului Intreprinderii I.C.M. nr. 4-Bucuresti.

VOLOGODSKIY, V. D.

"Preserved-Tissue Therapy by Academician Filatov's Method in Long Unhealed Wounds and Ulcers," Khirurgiya, No 2, page 12, 1954

ref.

M-1, 30 Nov 54

GOLIGORSKIY, S. D.

"Nonspecific Therapy for Causalgia," Khirurgiya, No.8, 1948.

Faculty Surgical Clinic, Kishinev Med. Inst.

GOLUBCHIK, [illegible]: [illegible], I.A.

Mbr., Department surgical clinic, Pirogov State Medical Institute

"Case of acute cholecystitis in a two-year-old child," Vest. Khir. 72 no. 4 Jl-Ag 1952.